

**U.S. ARMY ENGINEER DISTRICT, NEW ENGLAND
CORPS OF ENGINEERS
696 Virginia Road
Concord, Massachusetts 01742-2751**

Feb 05, 2010

CENAE-EP-DS (11-2-240a)

MEMORANDUM FOR: See Distribution

SUBJECT: Results of Survey

1. In accordance with department regulations there is enclosed a drawing showing results of survey in the following Federal project:

Island End River - Chelsea, MA

2. Controlling depth information for the above project is shown on the enclosed copy of navigation and chart data.

FOR THE COMMANDER:

Stephen A. Johnston
STEPHEN A. JOHNSTON
for Chief, Survey Section

2 Enclosures:

1. ENG Form 4020-R
2. Dwg. No. IS-6

JOHNSTON
PROOFREAD

MTM

DISTRIBUTION:
GENERAL

Chief Operations Division, Lyn Preston, Nautical Data Branch/NOAA, N/C26, Station 7350
1315 East-West Highway, Silver Springs, MD 20910-3282 - 1 copy of drawing, 1 copy of form

USCG Cutter Willow, LT JG Chmielecki - NETC Pier 2 – ATTN: Desiree Atnip, Newport,
RI 02841 – 1 copy of drawing, 1 copy of form

Capt. E. Howard McVay Jr. - Northeast Marine Pilots Incorporated, 243 Spring Street,
Newport, RI 02840 – 1 copy of drawing,

MASSACHUSETTS

(The following address receive information for all project in MASS.)

Director of Waterways, Martha C. King – Department of Conservation and Recreation
345 Lincoln St. Building # 45
Hingham, MA 02043
1 copy of drawing, 1 copy of form

(Rename Martha C. King By: Johnston Stephen A.)
Email: Martha.c.king@state.ma.us

**REPORT OF CHANNEL CONDITIONS
FOR CHANNELS LESS THAN 100 FEET WIDE
(ER 1130-2-316)**

PAGE 1 OF 1 PAGES

DATE: February 08, 2010

TO:	FROM: U.S. Army Corps of Engineers New England District 696 Virginia Road Concord, MA. 01742-2751
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RIVER/HARBOR NAME AND STATE: Island End River, Chelsea, MA
Dwg. No. IS-6, Sheet 1 of 1, Dated 8 February 2010

MINIMUM DEPTHS IN
CHANNEL ENTERING FROM SEAWARD

NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			DEPTH AVAILABLE
		WIDTH (feet)	LENGTH Nautical (miles)	MLLW DEPTH (feet)	
<u>CONDITION SURVEY</u>					
<u>6-Foot Channel</u>					
From vicinity of Buoy RN-4 upstream 1,270' (to vicinity of private aid Day Marker R-4)	11/09	90 to 100	.21	6.0	(1) 5.3
Thence upstream 850' (about 220' upstream from private aid Day Marker R-6)	11/09	100 to 75	.14	6.0	(2) 4.6
Thence upstream 490' to upstream end of Federal Navigation Project	11/09	75	.08	6.0	(3) 1.1

GENERAL NOTE: The information shown on this sheet(s) represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

FOOT NOTES:

- (1). Except for shoaling to 4.8' within 10' of east limit; 5.9' found left of center.
- (2). Except for shoaling to 2.4' within 25' of east limit; 6.0' found left of center.
- (3). Except for shoaling to +0.4' within the last 90' of reach.